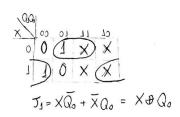
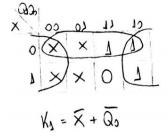
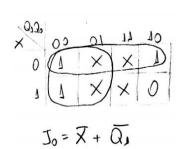


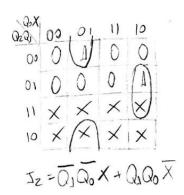
Q. a.	Y, Y.	X	7	J <sub>j</sub>	K	50	Ko
00	07	0	0	0	X	1	×
00	17	1	0	1	X	1	X
01	10	0	0	Δ	×	×	7
07	0)	1	0	0	×	×	0
70	07	0	3	X	1	Δ	$\times$
10	00	الا	1	×	Δ	0	X
۲۲	07	0	0	X	1	×	0
17	10	7	0	X	0	X	1

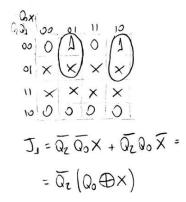


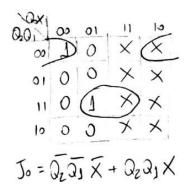


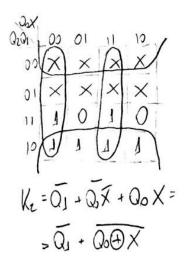


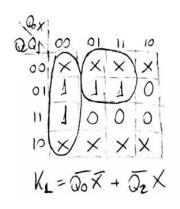
& CLO 20	of chish	X	Tz	Kz	J	K,	50	Ko
	001	0	0	X	0	X	1	×
000	110	1	1	X	J	X	0	×
600	017	0	0	×	)	X	X	0
007	000	1	0	×	0	X	X	)
070	000	0	0	×	×	1	0	×
070	000	1	0	×	×	1	0	×
	111	0	1	X	×	0	X	0
017		١	0	X	X	1	X	0
110	00)			1	0	X	0	X
700	000	0	X	8 8	19001	755		101 Sept.
700	000	1	X	1	0	X	0	×
107	000	0	×	3	0	X	X	1
101	000	1	X	1	0	X	X	7
710	000	0	X	1	×	1	0	X
	111	J	×	0	X	0	7	X
770	110	0	×	0	×	0	X	j
111	017	١	7	Ĭ	X	0	×	0
117	017	1_	1'	1				

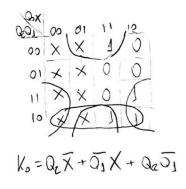










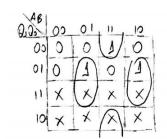


## 03

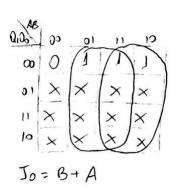
**a.**Uma máquina Moore, pois a saída depende exclusivamente do estado, não depende da entrada.

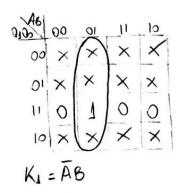
b.

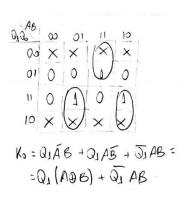
Q, Q,	4, 40	AB	t	1	K	5	Ko
00	00	00	0	0	X	0	X
00	01	0.1	0	0	X	1	X
00	01	10	0	0	X	١	X
00	11	1)	0	7	X	7	×
01	0]	00	0	0	×	X	0
01	31	01	0	Ĭ	X	×	0
01	1)	10	0	1	×	X	0
01	00	11	0	0	×	X	1
10	λХ	0)	X	X	X	X	X
٥٦	××	01	X	×	X	X	X
10	×X	10	X	X	×	X	X
10	×Χ	1)	X	X	X	X	X
11	11	00	1	X	0	X	01
41		01	1	X	1	X	1
])	00	10	1	X	0	X	3
17	OJ	1)	1	X	o l	X	0

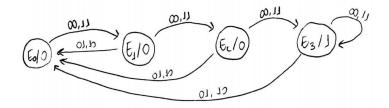


J, = QoÁB + QOAB + QOAB = = Qo(ADB) + QOAB

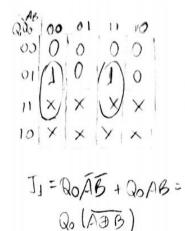




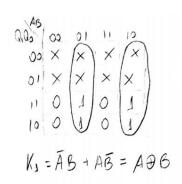


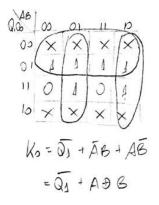


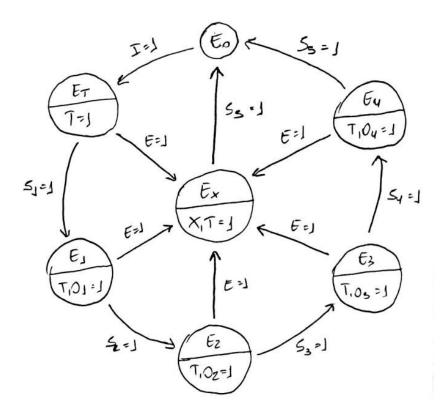
0,0	Y140	A6	5	7,	K	50	V.
00	01	00	0	O	×	0	X
00	00	0)	0	0	×	0	χ
00	00	CL	0	0	×	0	×
00	07	11	0	0	X	0	X
01	10	00	0	7	×	X	J
01	00	01	0	0	×	X	J
01	00	10	0	0	×	X	1
01	70	11	0	7	×	X	1
S	11	00	0	X	0	1	X
D	00	0]	0	X	1	0	X
10	00	10	0	×	7	0	×
70	إإ	]]	0	X	0	1	X
11	11	00	1	X	0	X	0
11	00	00	1	×	7	×	)
11	00	70	1	×	7	X	)
11	77	1)	1	X	0	X	۵



$$Q_{1} \stackrel{AB}{\longrightarrow} 000 \stackrel{O1}{\longrightarrow} 111 \stackrel{10}{\longrightarrow} 000 \stackrel{O1}{\longrightarrow} 111 \stackrel{O1}{\longrightarrow} 100 \stackrel{O1}{\longrightarrow} 111 \stackrel{O1}{\longrightarrow} 1$$







 $E_0$ : estado de repouso, onde o sistema mecânico está totalmente desligado, esperando o sinal do botão de pressão I para iniciar o processo.

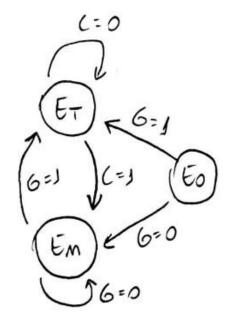
 $E_T$ : estado no qual o carro sai do início da esteira, movendo-se em direção à primeira área.

 $E_1$ : estado no qual o carro move-se ao longo da primeira área, em que temos a operação O1 sendo realizada.

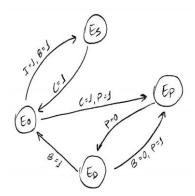
 $E_2$ : estado no qual o carro move-se ao longo da segunda área, em que temos a operação O2 sendo realizada.

 $E_3$ : estado no qual o carro move-se ao longo da terceira área, em que temos a operação O3 sendo realizada.

 $E_4$ : estado no qual o carro move-se ao longo da quarta área, em que temos a operação O4 sendo realizada.  $E_X$ : estado em que o carro é conduzido diretamente ao fim do túnel após o botão E ter sido pressionado; nesse caso, temos a lâmpada de sinalização acesa.



Q	Y	6	C	Μ	T
Eo	Er	7	X	0	0
Eo	Em	0	×	0	0
Er	EM	×	7	0	1
ET	ET	X	0	0	1
Em	Er	7	×	1	0
En	EM	0	X	1	0



Q	Y	I	В	C	P	5	D
Eo	Es	7	7	X	0	0	0
Eo	Ep	×	X	1	1	0	0
Es	Eo	×	X	1	×	1	0
Ep	ED	×	X	X	0	0	0
ED	Ep	×	0	×	1	0	1
ED	E.	×	1	×	X	0	1